

THERE IS CLAIMED:

1. A fluid meter, in particular a water meter, comprising a tank having a bottom and into which is inserted through an opening opposite said bottom in an insertion direction parallel to its axis of symmetry a measurement chamber having at least one orifice connected in a sealed manner to a pipe of said tank via a seal that is adapted to be compressed between an external surface of said chamber and an internal surface of said tank, wherein said seal consists of a bead of polymerizable plastic material deposited onto one of said surfaces.

2. The meter claimed in claim 1, wherein said plastic material is silicone.

3. The meter claimed in claim 2, wherein an expansion agent is added to said silicone.

4. The meter claimed in claim 1, wherein said bead is deposited in a groove formed on said measurement chamber.

5. A method of assembling a meter as claimed in claim 1, wherein said bead is deposited before inserting said measurement chamber into said tank.

6. The method claimed in claim 5, wherein said measurement chamber is inserted into said tank before polymerization of said plastic material.

7. The method claimed in claim 6, wherein an expansion step is executed at the time of polymerization.

8. The method claimed in claim 1, wherein said bead is injected between said surfaces after inserting said measurement chamber into said tank.